PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Application Number		10534250
INFORMATION DIGGL COURT	Filing Date		2005-05-10
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	First Named Inventor	Hirofu	umi AKAGI
( Not for submission under 37 CFR 1.99)	Art Unit		
( not for submission under or or it masy	Examiner Name		
	Attorney Docket Number		4639-003

	U.S.PATENTS Remove										
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue D	ate	Name of Pate of cited Docu	entee or Applicant ment	Releva		_ines where es or Relev	
	1										
If you wis	If you wish to add additional U.S. Patent citation information please click the Add button.										
			U.S.P	ATENT	APPLIC	CATION PUBL	LICATIONS		Remove		
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publica Date	tion	Name of Pate of cited Docu	entee or Applicant ment	Releva		_ines where es or Relev	
	1										
If you wis	h to ac	dd additional U.S. Publi	shed Ap	plication	citation	n information p	lease click the Add	button	. Add		
				FOREIG	N PAT	ENT DOCUM	ENTS		Remove		
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>		Kind Code <sup>4</sup>	Publication Date	Name of Patentee Applicant of cited Document	or v	vhere Rele	or Relevant	T5
	1	2004045055	WO			2004-05-27					
	2	11220898	JP			1999-08-10	DAIKIN IND LTD				
	3	2001245477	JP			2001-09-07	MITSUBISHI ELEC CORP	CTRIC			

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

( Not for submission under 37 CFR 1.99)

Application Number		10534250
Filing Date		2005-05-10
First Named Inventor Hiroft		umi AKAGI
Art Unit		
Examiner Name		
Attorney Docket Number		4639-003

	4	2001069762	JP		2001-03-16	MITSUBISHI ELECTRIC CORP		
	5	2001238433	JP		2001-08-31	MEIDENSHA CORP		
	6	2001352792	JP		2001-12-21	NIDEC SHIBAURA CORP		
If you wish	h to ac	dd additional Foreign Pa	atent Document	citation	information pl	ease click the Add buttor	1 Add	
			NON-PATE	NT LITE	RATURE DO	CUMENTS	Remove	
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.						<b>T</b> 5
	1	HIROSHI HASEGAWA ET AL., "A VOLTAGE-SOURCE PWM INVERTER SYSTEM CHARACTERISED BY SINUSOIDAL OUTPUT VOLTAGE WITH NEITHR COMMON-MODE NOR NORMAL MODE VOLTAGE ~DESIGN AND PERFORMANCE OF A PASSIVE EMI FILTER-" TOKYO INSTITUTE OF TECHNOLOGY						
	2	TAKAFUMI DOUMOTO ET AL., "OUTPUT CHARACTERISTICS OF A NPC(3-LEVEL) PWM INVERTER EQUIPPED WITH A PASSIVE EMI FILTER " TOKYO INSTITUTE OF TECHNOLOGY						
	3	HIROSHI HASEGAWA ET AL., "EFFECTS OF A PASSIVE EMI FILTER ON SURGE VOLTAGE AT MOTOR TERMINALS WHEN A MOTOR IS CONNECTED WITH AN INVERTER VIA A 100-METER-LONG CABLE." TOKYO INSTITUTE OF TECHNOLOGY						
	4	TAKAFUMI DOUMOTO ET AL., "A PASSIVE EMI FILTER MAKING USE OF THE MOTOR NEUTRAL LINE", TOKYO INSTITUTE OF TECHNOLOGY						
	5	SATOSHI OGASAWARA ET AL.," MEASUREMENT AND REDUCTION OF EMI RADIATED BY A PWM INVERTER-FED AC MOTOR DRIVE SYSTEM" TRANS.IEE OF JAPAN, VOL. 116-D, NO.12, DEC., 1996						
	6	ISAO TAKAHASHI ET AL., "ACTIVE EMI FILTER FOR SWITCHING NOISE OF HIGH FREQUENCY INVERTERS" NAGAOKA UNIVERSITY OF TECHNOLOGY", 1997 IEEE						

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

( Not for submission under 37 CFR 1.99)

Application Number		10534250
Filing Date		2005-05-10
First Named Inventor Hiroft		umi AKAGI
Art Unit	•	
Examiner Name		
Attorney Docket Number		4639-003

	7	FEI WANG, " MOTOR SHAFT VOLTAGES AND BEARING CURRENTS AND THEIR REDUCTION IN MULITLEVEL MEDIUM-VOLTAGE PWM VOLTAGE-SOURCE-INVERTER DRIVE APPLICATIONS" IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, VOL. 36, NO.5 SEPTEMBER/OCTOBER 2000						
	PETER W. HAMMOND, " A NEW APPROACH TO ENHANCE POWER QUALITY FOR MEDIUM VOLTAGE AC DRIVES" IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, VOL.33, NO. 1, JANUARY/FEBRUARY 1997							
	9	HIROSHI HASEGAWA ET AL., A THREE-PHASE VOLTAGE-SOURCE PWM INVERTER SYSTEM CHRACTERIZED BY SINUSOIDAL OUTPUT VOLTAGE WITH NEITHER COMMON-MODE VOLTAGE NOR NORMAL-MODE VOLTAGE -DESIGN AND PERFORMANCE OF A PASSIVE EMI FILTER						
If you wis	h to ac	d add	ditional non-patent literature document citation information p	lease click the Add b	outton Add			
			EXAMINER SIGNATURE					
Examiner	Signa	ture		Date Considered				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								
<sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.								

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

( Not for submission under 37 CFR 1.99)

Application Number		10534250
Filing Date		2005-05-10
First Named Inventor Hiroft		umi AKAGI
Art Unit		
Examiner Name		
Attorney Docket Number		4639-003

	CERTIFICATION STATEMENT						
Plea	ase see 37 CFR 1	.97 and 1.98 to make the appropriate select	ion(s):				
	That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).						
OR	:						
	That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).						
	See attached cer	tification statement.					
	Fee set forth in 3	7 CFR 1.17 (p) has been submitted herewit	h.				
<b>✓</b>	None						
		SIGNA	TURE				
	ignature of the ap n of the signature.	plicant or representative is required in accor	dance with CFR 1.33, 10.1	8. Please see CFR 1.4(d) for the			
Sigr	Signature /Benjamin J. Hauptman/ Date (YYYY-MM-DD) 2006-06-20						
Nan	Name/Print Benjamin J. Hauptman Registration Number 29310						
pub 1.14	lic which is to file o	mation is required by 37 CFR 1.97 and 1.98 (and by the USPTO to process) an application s estimated to take 1 hour to complete, inclo e USPTO. Time will vary depending upon the	on. Confidentiality is gover uding gathering, preparing	rned by 35 U.S.C. 122 and 37 CFR and submitting the completed			

require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria**,

VA 22313-1450.

## **Privacy Act Statement**

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
  - 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.